Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023943.D
Acq On : 20 Jul 2022 18:07
Operator : SY/VA
Sample : N3741-03MSD
Misc : 6.69g/10mL/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

Quant Time: Jul 21 00:24:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 21 00:18:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	323699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	310724	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	168563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	146087	17.670	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.680%			
7) Chloroethane-d5	2.873	69	98622	17.881	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.520%			
11) 1,1-Dichloroethene-d2	4.013	63	152950	22.719	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.880%			
21) 2-Butanone-d5	7.080	46	72612	56.623	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.240%			
24) Chloroform-d	7.647	84	216368	22.958	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.840%			
26) 1,2-Dichloroethane-d4	8.305	65	127476	22.116	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.480%			
32) Benzene-d6	8.275	84	392183	24.280	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.120%			
36) 1,2-Dichloropropane-d6	9.274	67	120403	24.747	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.000%			
41) Toluene-d8	10.323	98	375134	22.897	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	10.579	79	53960	23.660	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.640%			
47) 2-Hexanone-d5	10.927	63	66938	65.427	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.860%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	152209	28.308	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.240%			
66) 1,2-Dichlorobenzene-d4	13.853	152	135503	22.519	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	78572	35.719	ug/L	92
3) Chloromethane	2.209	50	130256	24.180	ug/L	98
5) Vinyl chloride	2.349	62	185055	20.005	ug/L	98
6) Bromomethane	2.763	94	87653	14.650	ug/L	90
8) Chloroethane	2.910	64	89187	20.609	ug/L	98
9) Trichlorofluoromethane	3.245	101	68947	16.397	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	109209	26.539	ug/L	98
12) 1,1-Dichloroethene	4.025	96	84622	24.662	ug/L	99
13) Acetone	4.123	43	64829	71.503	ug/L	98
14) Carbon disulfide	4.379	76	202857	20.097	ug/L	98
15) Methyl Acetate	4.672	43	43451	21.413	ug/L	97
16) Methylene chloride	4.915	84	115605	22.839	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	102632	24.652	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	183269	28.454	ug/L	98
19) 1,1-Dichloroethane	6.208	63	197400	25.705	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	121018	26.238	ug/L	97
22) 2-Butanone	7.171	43	93808	62.959	ug/L	100
23) Bromochloromethane	7.512	128	60738	27.413	ug/L	91
25) Chloroform	7.677	83	229388	25.928	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Thu Jul 21 00:18:55 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	162846	25.010	ug/L		98
29) Cyclohexane	7.951	56	145840	25.663	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	177957	26.451	ug/L		99
31) Carbon tetrachloride	8.067	117	163033	26.882	ug/L		99
33) Benzene	8.317	78	468649	26.541	ug/L		100
34) Trichloroethene	9.091	95	120699	25.886	ug/L		94
35) Methylcyclohexane	9.329	83	175837	24.765	ug/L		96
37) 1,2-Dichloropropane	9.366	63	120418	27.202	ug/L		100
38) Bromodichloromethane	9.646	83	175978	28.483	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	182032	27.282	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	210609	68.369	ug/L		96
42) Toluene	10.384	91	519913	25.818	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	177001	27.910	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	115029	29.717	ug/L		99
46) Tetrachloroethene	10.859	164	92588	25.680	ug/L		94
48) 2-Hexanone	10.969	43	163407	72.858	ug/L		97
49) Dibromochloromethane	11.128	129	133843	29.816	ug/L		99
50) 1,2-Dibromoethane	11.231	107	110190	29.631	ug/L		94
51) Chlorobenzene	11.658	112	347980	25.622	ug/L		96
52) Ethylbenzene	11.725	91	583501	25.499	ug/L		97
53) m,p-Xylene	11.841	106	225550	25.262	ug/L		96
54) o-Xylene	12.164	106	221641	25.849	ug/L		99
55) Styrene	12.176	104	400760	26.457	ug/L		91
57) 1,1,2,2-Tetrachloroethane	12.713	83	157151	29.765	ug/L		97
59) Bromoform	12.347	173	75097	30.213	ug/L	#	96
60) Isopropylbenzene	12.463	105	607819	26.843	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	114324	30.931	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	494023	26.649	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	491874	26.539	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	257301	25.027	ug/L		95
65) 1,4-Dichlorobenzene	13.578	146	267003	24.412	ug/L		95
67) 1,2-Dichlorobenzene	13.871	146	247932	25.571	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	26269	30.815	ug/L	#	86
69) 1,3,5-Trichlorobenzene	14.621	180	156729	23.032	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	118801	22.609	ug/L		94
71) Naphthalene	15.359	128	279210	24.772	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	106749	21.796	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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